

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approved Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

8-21-57

Location Inspected

OW

WW

TA

Bond released

GW

OS

PA

State of Fee Land

LOGS FILED

Driller's Log

9-17-57

Electric Logs (No.)

3

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

Subsequent Report of [Signature]

Scout Report sent out
Noted in the NID File
Location map pinned
Approval or Disapproval Letter
Date Completed, P. & A, or
operations suspended
Pin changed on location map
Affidavit and Record of A & P
Water Shut-Off Test
Gas-Oil Ratio Test
Well Log Filed

Bond released —

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☒
☒

Ramond Sinkbeil

Box #24

Cortez, Colo

Copy of Regs
Send Monday

8-16-57

Cast - (Called) Henry -

10 $\frac{3}{4}$ " - 1233' into w/ 600 Pax.

Saltwater
place
Res 1.7

Strong Water flow encountered will
plug thru the entire water section.

Sinkbeil, geologist
will call me at to
P&A plugging program
before starting P&A job

El Logged well this am
10" mud in hole.

8/17/57

34 10' - 20' Water

150 Pax plugg

8 $\frac{3}{4}$ " - 300'.

25 sack. at Top of
30 - 40 sack term = 3846'

Bottom Paradox

Salt at 6153'.

Bot of 10 $\frac{3}{4}$ " at, 20 sack plug at 1233'

80 Pax at surface w/ 4" marker
will send in final P&A report
when work is complete.

Per phone
call from
Sinkbeil
8/17/57



CONTINENTAL OIL COMPANY

Box 1121
Durango, Colorado
June 7, 1957

State of Utah Oil and Gas Conservation Commission
State Capitol Building
Salt Lake City, Utah

Gentlemen: Re: NOTICE OF INTENTION TO DRILL
HOVENWEEP NO. 3

In compliance with Rule C-4 enclosed is the original and one copy of the Notice of Intention to Drill for the Continental--Shell Hovenweep No. 3.

We are also enclosing a map showing surrounding acreage and three copies of the survey plat. We would appreciate your approval of our proposed location.

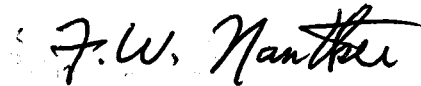
Yours very truly,

Kenneth D. Kirkland
Division Land Supt.
Durango Division

KDK-MCS
Enc

The undersigned, Shell Oil Company, record owner of Mineral Lease 3521, has entered into an Operating Agreement with the Continental Oil Company, designating Continental as Operator under said lease and consents to Continental commencing operations on this lease.

SHELL OIL COMPANY

A handwritten signature in black ink, appearing to read "F. W. Nantker". The signature is written in a cursive, slightly slanted style.

By: F. W. Nantker
District Land Agent

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
NOTICE OF INTENTION TO DRILL

FORM OGCC-1

OIL AND GAS CONSERVATION COMMISSION

June 6 19 57

In compliance with Rule C-4, notice is hereby given that it is our intention to commence the work of drilling Well No. Hovenweep #3, which is located 660 feet from (N) line and 790 feet from (W) line of Sec. 32, Twp. 39S, R. 26E, SLPM, (Meridian), Wildcat, San Juan, on or about the 17 day of June 19 57 (Field or Unit) (County)

LAND: Fee and Patented ()
State (x)
Lease No. ML 3521
Public Domain ()
Lease No. _____

Name of Owner
of Patent or Lease State of Utah
Address Capital Building
Salt Lake City, Utah

Is location a regular or exception to spacing rule? Regular. Has a surety bond been filed? Yes. With whom? State. Area in drilling unit? No.
(State or Federal)

Elevation of ground above sea level is 5193 feet. All depth measurements taken from top of Derrick Floor which is -- feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

Type of tools to be used Rotary. Proposed drilling depth 6190 feet.

Objective Formation is Paradox. Surface Formation is Dakota.

PROPOSED CASING PROGRAM

Size of Casing Inches A. P. I.	Weight per Foot	Grade and Type	Amount Ft. In.	Top Bottom	Cementing Depths
<u>13 3/8</u>	<u>48</u>	<u>Grade A J 55</u>		<u>0 - 200'</u>	
<u>9 5/8</u>	<u>40</u>	<u>Grade A J 55</u>		<u>0 - 1000'</u>	

AFFIDAVIT

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and belief, true, correct and complete.

Approved _____

By Kenneth D. Kirkland
Kenneth D. Kirkland
Division Land Superintendent
(Title or Position)

Date _____ 19 _____

By _____

Continental Oil Company
(Company or Operator)

Title _____

Address Box 1121

Durango, Colorado

INSTRUCTIONS:

1. Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Room 140, State Capitol Building, Salt Lake City, Utah.
2. A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.
3. Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the Commission as soon as available.
4. Use back of form for remarks.

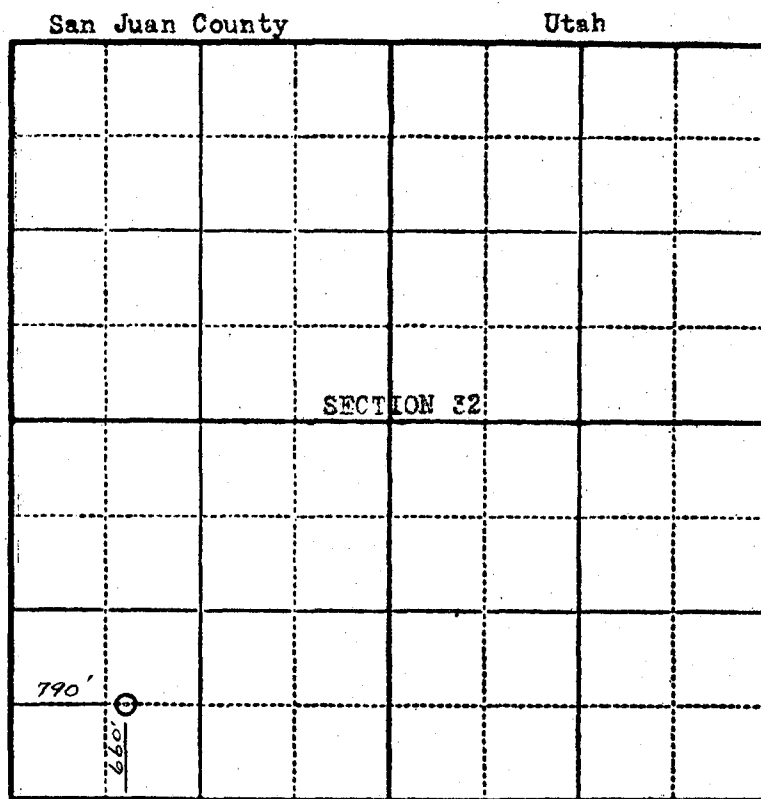
Company CONTINENTAL OIL CO.

Lease HOVENWEEP Well No. 3

Sec. 32 T. 39 S R. 26 E SLBM

Location 660 feet from south line; 790 feet from west line; being in SW $\frac{1}{4}$ SW $\frac{1}{4}$

Elevation: 5193 GL

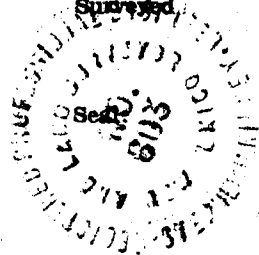


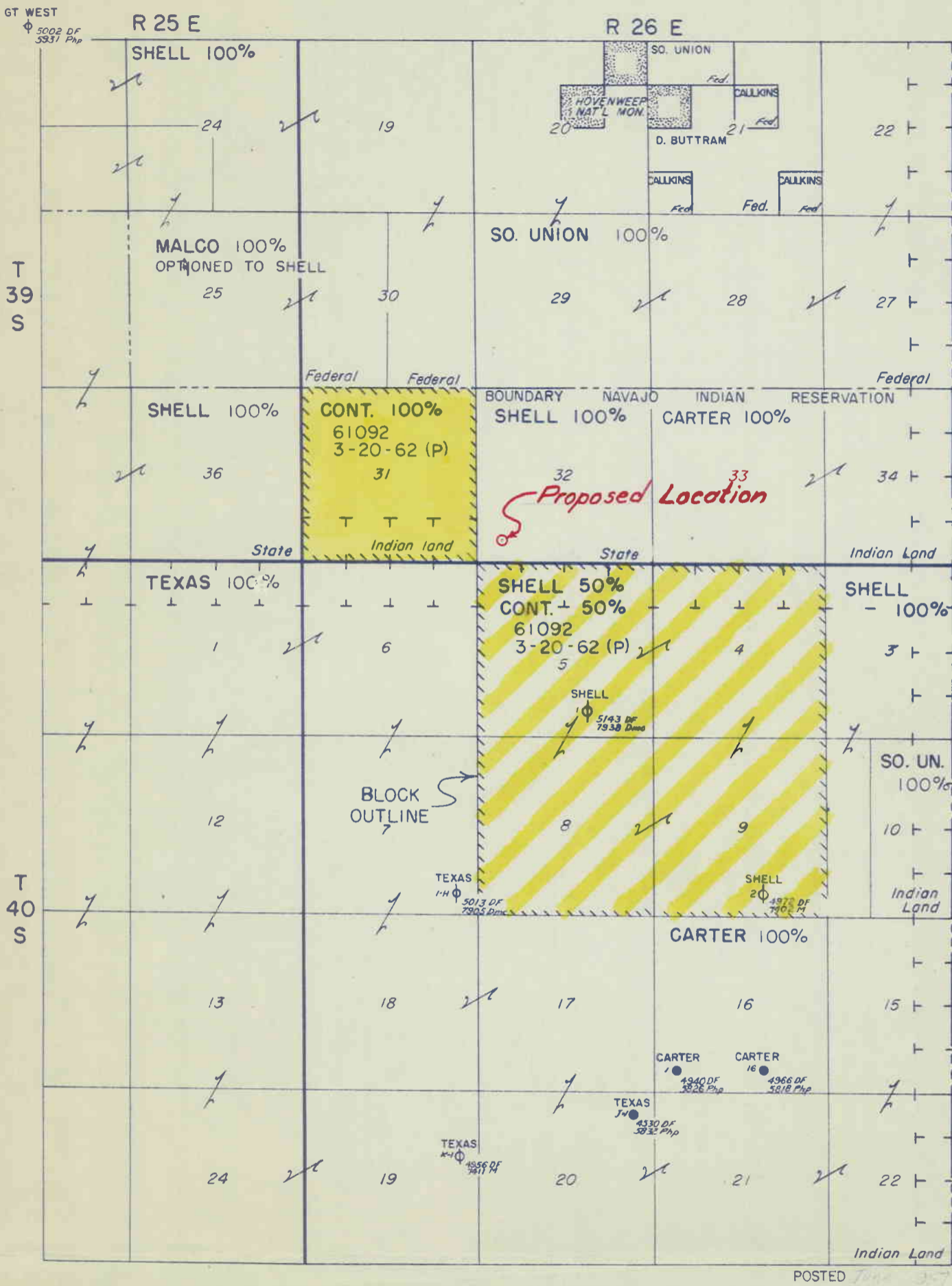
Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Stephen H. Kinney
STEPHEN H. KINNEY
Registered Professional
Engineer and Land Surveyor

Subscribed June 3, 1957





POSTED 7/1/67 357

NOTE: Cross hatched acreage held jointly
by Continental & Shell under contract
No. 8650

MONTEZUMA CANYON BLOCK NO. 217
SAN JUAN CO., UTAH

June 10, 1957

Continental Oil Company
Box 1121
Durango, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Hovenweep 3, which is to be located 660 feet from the south line and 790 feet from the west line of Section 32, Township 39 South, Range 26 East, S1EM, San Juan County, Utah.

Please be advised that approval to drill said well is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:cn

cc: State Land Board
Room 105
State Capitol Building
Salt Lake City, Utah

(SUBMIT IN DUPLICATE)

LAND:

X			

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
State☒
Lease No. ML 3521
Public Domain☐
Lease No.
Indian☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input checked="" type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 14, 1957

Well No. Hovenweep is located 700 ft. from N line and 900 ft. from W line of Sec. 32
#3
NE SW SW 39S 26E SLPM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5203 feet.

A drilling and plugging bond has been filed with State of Utah

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Continental proposes to drill a well at the above location to approximately 6191' to test to the top of the Paradox salt. Well will spud in the Dakota formation, on or about June 17, 1957. Irregular location caused by rough topography.

Proposed casing program:

Set 900' of 45#, J & L, Grade B 10-3/4" for water shut-off

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Continental Oil Company

Address Box 1121

Durango, Colorado

By L. W. Henry

Title Division Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

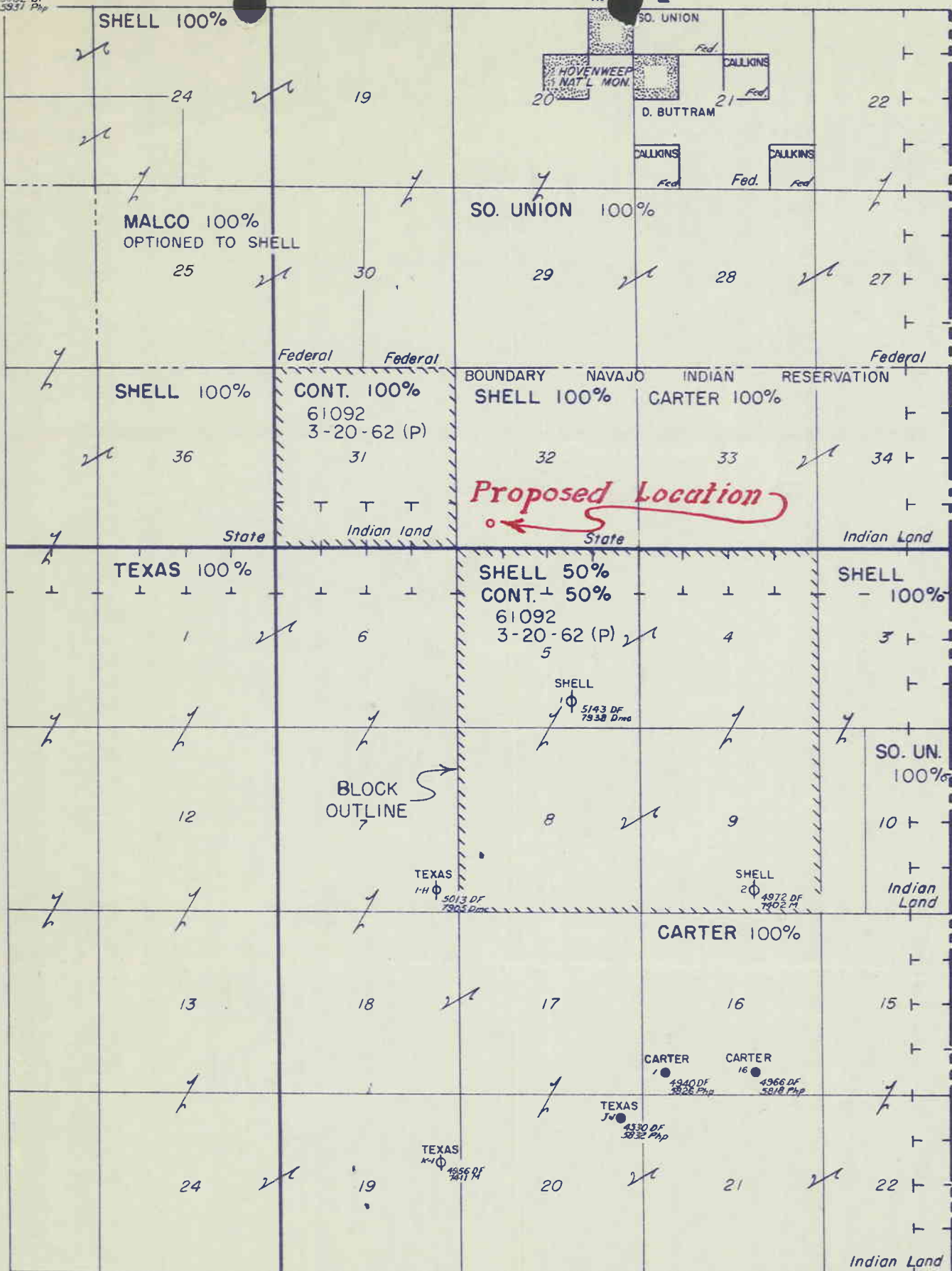
GT WEST
5002 DF
5931 Pp

R 25 E

R 26 E

T
39
S

T
40
S



POSTED June 1977

NOTE: Cross hatched acreage held jointly
by Continental & Shell under contract
No. 8650

MONTEZUMA CANYON BLOCK NO. 217
SAN JUAN CO., UTAH

Company CONTINENTAL OIL CO.

Lease HOVENWEEP

Well No. 1

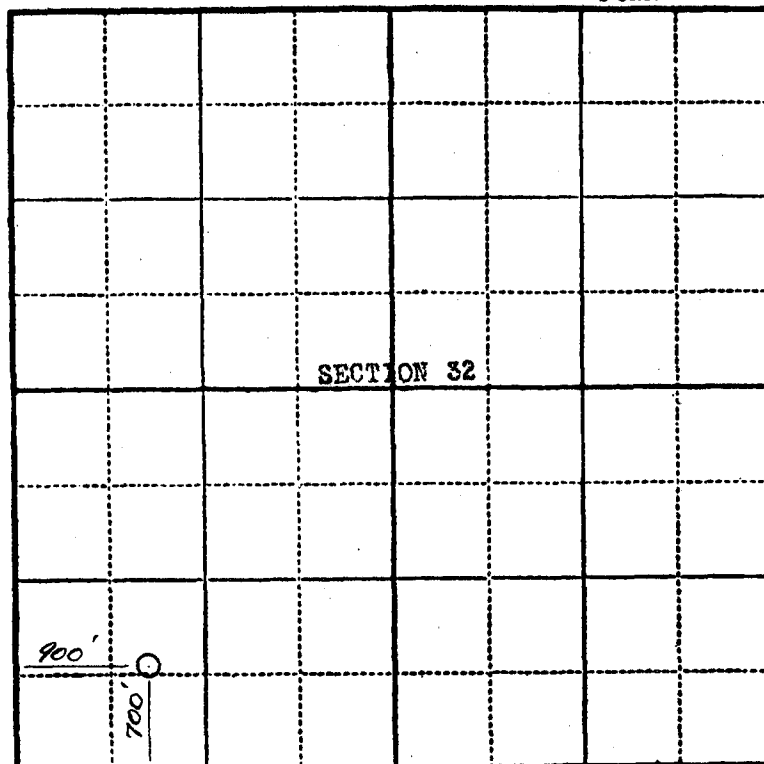
Sec. 32 T. 39 S R. 26E SLBM

Location 700 feet from south line; 900 feet from west line; being in SW $\frac{1}{4}$ SW $\frac{1}{4}$

Elevation: 5203 GL

San Juan County

Utah



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Stephen H. Kinney

STEPHEN H. KINNEY
Registered Professional
Engineer and Land Surveyor

Surveyed June 12, 1957





CONTINENTAL OIL COMPANY

Box 1121
Durango, Colorado
June 14, 1957

PL Cherry 7-2580

State of Utah
Oil and Gas Conservation Commission
Room 105, State Capitol Building
Salt Lake City, Utah

Reference: Notice of Intention to Drill
Hovenweep #3
Section 32-T39S-R26E
San Juan County, Utah

Gentlemen:

On June 7, 1957 Mr. K. D. Kirkland, Division Land Superintendent, Continental Oil Company, Durango, Colorado, filed a Notice of Intention to Drill reference well. Because of a rocky terrain, it was necessary to move the location from 660 FSL, 790 FWL to 700 FSL, 900 FWL. The topography surrounding the location is extremely rough and several days dozer work was required to prepare the location, which is irregular.

We are requesting that your Commission approve this irregular location as soon as possible, since we plan to spud the well on or about June 17, 1957. We are also enclosing a map showing surrounding acreage and 3 copies of the new survey plat.

Yours very truly,

L. W. Heiny
L. W. Heiny
Division Geologist

LWH-BH
Encs.

June 17, 1957

Continental Oil Company
Box 1121
Durango, Colorado

Gentlemen:

This is to acknowledge receipt of your amended notice of intention to drill Well No. Hovenweep 3.

Please be advised that approval to drill said well, 700 feet from the south line and 900 feet from the west line of Section 32, Township 39 South, Range 26 East, SLPM, San Juan County, Utah, is hereby granted.

Approval to drill said well 660 feet from the south line and 790 feet from the west line of Section 32, Township 39 South, Range 26 East, SLPM, San Juan County, is hereby cancelled.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

OLEON B. FENNETT
SECRETARY

GBF:en

cc: State Land Board
Rm. 105, State Capitol Bldg.
Salt Lake City, Utah

MEMORANDUM

Re: Plugging & Abandonment of Continental
Oil Company, Well No. Hovenweep 3,
Sec. 32, T. 29 S, R. 26 E, SLBM,
San Juan County, Utah.

C Pursuant to Mr. L. W. Heiny's letter of June 14, 1957, and a call by me to Mr. Heiny on August 16, I was informed that in lieu of the proposed plan of drilling this well using 200 feet of 13 3/8 inch and 1,000 feet of 9 5/8 inch casing, the operator ran 1233 feet of 10 3/4 inch casing and cemented same with 600 sacks cement. Also, that a strong flow of brackish water was later encountered at 3410 feet to 3420 feet depth.

O Inasmuch as this well at a total depth of 6153 feet in salt had not encountered any shows of real gas, the operator wished to plug and abandon this well.

P On the following morning, August 17, Raymond Sinkbeil, Geologist in charge of drilling called me and outlined a plan to plug and abandon this well as follows:

Place a 25 sack cement plug at the top of the Hermosa at 3846 feet with heavy drilling mud from bottom to above and below this plug; then place a 150 sack plug through the water sand at 3410-3420 feet which should extend 50 feet below and above this sand; then place 20 sack plug at the bottom of the 10 3/4 inch casing at a point 1233 feet. This plug will extend into the pipe and down below, and finally, a 20 sack plug at the surface in which a 4 inch regulation marker will be set.

This plugging program met with my approval, and, therefore, is accepted.

Y A final plugging and abandoning report will be submitted after all work has been completed and location cleaned up in a proper manner.

CHAS. A. HAUPTMAN
PETROLEUM ENGINEER

MEMORANDUM

Re: Plugging & Abandonment of Continental
Oil Company, Well No. Hovenweep 3,
Sec. 32, T. 29 S, R. 26 E, SLBM,
San Juan County, Utah.

Pursuant to Mr. L. W. Heiny's letter of June 14, 1957, and a call by me to Mr. Heiny on August 16, I was informed that in lieu of the proposed plan of drilling this well using 200 feet of 13 3/8 inch and 1,000 feet of 9 5/8 inch casing, the operator ran 1233 feet of 10 3/4 inch casing and cemented same with 600 sacks cement. Also, that a strong flow of brackish water was later encountered at 3410 feet to 3420 feet depth.

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This plugging program met with my approval, and, therefore, is accepted.

A final plugging and abandoning report will be submitted after all work has been completed and location cleaned up in a proper manner.

Dated: August 19, 1957.

Chas. A. Hauptman
CHAS. A. HAUPTMAN
PETROLEUM ENGINEER

LOCATE WELL CORRECTLY

State Capitol Building
Salt Lake City 14, Utah

Notes
@ AK
9-23-57

FOLD MARK

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	1033	600 sacks reg.	displacement		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 6155 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 22, 1957 Put to producing P & A 8-22, 1957

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. W. Lang, Driller Joe Yowell, Driller

Pete King, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	70'	70'	Dakota (sandstone & lignitic shale)
70'	880'	810'	Morrison (sand & shale)
880'	1846'	966'	Bluff, Entrada, Navajo, Wingate (sandstone & some shale)
1846'	2776'	930'	Chinle (siltstone, shale, limestone stringers)
2776'	2875'	99'	Shinarump (sandstone, shale, chert, & conglomerate)
2875'	2987'	112'	Moenkopi (shale)
2987'	4840'	1853'	Cutler (sandstone, silty shale, evaporite, & limestone stringers)
4840'	5777'	937'	Hermosa (limestone, black shale, & some sandstone)
5777'	6153'	376'	Upper Paradox (limestone, shale, & anhydrite)
6153'	6155'	2'	Middle Paradox (salt)

[OVER]

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Drilled to 5840' commenced coring. Cores as follows:

Core #1	5840'	-	5877'
Core #2	5877'	-	5926'
Core #3	5926'	-	5980'
Core #4	5980'	-	6032'
Core #5	6032'	-	6086'
Core #6	6086'	-	6140'
Core #7	6140'	-	6155' T.D.

Drill stem test as follows:

DST#1	5918' - 5980'	Open 2 hr. SI 1 hr.
	Rec 31'	very slightly gas cut mud.
	IFP 30#	FFP 30# SIP 42# IHH 3225# FHP 3213#
DST#2	5981' - 6085'	Open 2 hr. SI 1 hr.
	Rec 35'	Drilling mud.
	IFP 55#	FFP 55# SIP 85# IHH 3215# FHH 3225#
DST#3	6080' - 6155'	Open 2 hr. SI 1 hr.
	Rec 30'	Drilling Mud.
	IFP 40#	FFP 40# SIP 60# IHH 3085# FHP 3080#

P&A

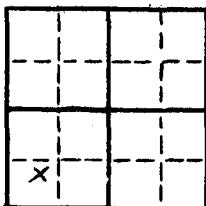
August 21, 1957 (Plugging approval received via telephone
from Charles Hauptman August 17, 1957)
1033' of 10 3/4" casing in hole (0-1033')
Plugs as follows:

35	sxs cement from	4760'	-	4850'
170	sxs cement from	3008'	-	3450'
50	sxs cement from	2780'	-	2910'
100	sxs cement from	2380'	-	2640'
100	sxs cement from	790'	-	1050'
50	sxs cement from	170'	-	300'
10	sxs cement from	0	-	25'

15' length of 4 1/2" drill pipe was cemented in hole with
5' above ground and marked with well name, number, operator,
and location.

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

7-15
10-1

Fee and Patented.....☐
 State☒
 Lease No. ML3521
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History..... Subsequent Report of Abandonment..... X
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

....., 19.....

Hovenweep

Well No. 3 is located 700 ft. from N line and 900 ft. from E line of Sec. 32

NE SW SW 39S 26E SLBM

(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5203 feet.

A drilling and plugging bond has been filed with State of Utah

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Plugs as follows: 0-25', 10 sacks regular.
 170-300', 50 sacks regular.
 790-1050', 100 sacks regular.
 2380-2640, 100 sacks regular.
 2780-2910, 50 sacks regular.
 3008-3450, 170 sacks regular.
 4760-4850, 35 sacks regular.

10.6# mud between all plugs. 10 3/4" casing to 1033 left in hole. 15 foot length of 4 1/2" drill pipe was cemented in hole with 5 feet above the ground marked with well No., name, operator and location. Location cleaned and ready for inspection. Rathole filled with pieces of core, dirt and rock. Plugging approval received via telephone from Charles Hauptman on Saturday, August 17, 1957.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Continental Oil Company

Address Box 1121

Durango, Colorado

By W. Henry

Title Division Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.



FRANK J. ALLEN
DIRECTOR

THE STATE OF UTAH
STATE LAND BOARD
SALT LAKE CITY 14

Sept. 15, 1958

BOARD MEMBERS

C. R. HENDERSON
CHAIRMAN
M. V. HATCH
WALTER G. MANN
EDWARD W. CLYDE
C. S. THOMSON

Re: Mineral Lease No. 3521
Shell Oil Company

Mr. Feight:

Shell Oil Company has advised us that State No. 2 Well in Sec. 32, T. 39 S., R. 26 E. has been abandoned, and they would like us to release their bond.

Please let us have your recommendation.

AKT

September 15, 1958

The State Land Board
Room 105, State Capitol
Salt Lake City 14, Utah

Re: Shell Oil Company Bond - ML 3521,
Sec. 32, Twp. 39 South, R. 26
East, SLM, Hovenweep Area

Gentlemen:

Pursuant to my discussion with Mrs. Thompson this morning regarding the release of liability on the above mentioned bond, drilled by Continental as a farmout from Shell, this well was plugged and abandoned in a matter satisfactory to this office in a memorandum dated August 19, 1957.

At that time Continental was requested to submit a Subsequent Report of Abandonment on this operation, but as of yet our files do not disclose that this report has been received.

However, we have no objection to release of liability under the subject bond.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CHAS. A. HAUPTMAN
PETROLEUM ENGINEER

CAN:co

cc: L. W. Hainy, Division Geologist
Continental Oil Company
Durango, Colorado